



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	Customer No. 37003
ELLIS et al.)	Confirmation No. 5254
Application N°: 10/762,690)	Group Art Unit: 2862
Filed: January 22, 2004)	Examiner:
Title: MEASURING FORMATION DENSITY THROUGH CASING)	Docket N°: 60.1527 US NP

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 29, 2004.

Ruth Schreiber
Ruth Schreiber

9/29/04
Date

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendments
Commissioner for Patents
P.O. Box 1450
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Sir:

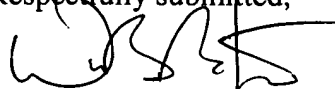
In accordance with 37 C.F.R. §1.56, 1.97 and 1.98, the Applicants wish to bring the reference materials listed in the attached Form PTO-1449 to the attention of the U. S. Patent and Trademark Office. Copies of the references are provided for the Examiner's convenience.

No representation is made or intended that a complete and exhaustive prior art search has been made, or that no better references than those set forth below are available. Furthermore, this Statement does not constitute an admission that these references are properly citable against the present application as prior art.

It is respectfully requested that these references be considered by the Examiner and formally made of record in this case.

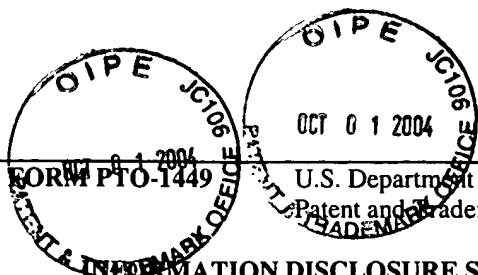
This information disclosure statement is being filed before receipt of the first office action. Therefore, applicants believe that no fees are due. However, in the event that the first office action has been mailed prior to the filing of this information disclosure statement, the Commissioner is authorized to charge Deposit Account No. 19-0615 in the amount of \$180.00, to cover the fee set forth in 37 CFR 1.17(p) for submission of an information disclosure statement under §1.197(c). The Commissioner is authorized to charge or credit any deficiency/overpayment to Deposit Account No. 19-0615. Two copies of this paper are attached.

Respectfully submitted,



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FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.:

60.1527 US NP

SERIAL NO.:

10/762,690

APPLICANT:

ELLIS et al.

EXAMINER:

FILING DATE:

January 22, 2004

GROUP:

2862

U.S. PATENT DOCUMENTS

Exam Init.	Document Number	Date	Name	Class	Sub-class	Filing date if appropriate
	3,521,063	7/21/70	Tittman	250	83.3	7/19/67
	3,864,569	2/4/75	Tittman	250	264	4/13/73
	4,048,495	9/13/77	Ellis	250	264	1/16/76
	4,297,575	10/27/81	Smith, Jr. et al.	250	265	8/13/79
	5,390,115	2/14/95	Case et al.	364	422	5/10/93
	5,841,135	11/24/98	Stoller et al.	250	269.3	2/19/97
	5,859,811	1/12/99	Miller et al.	367	35	2/29/96
	6,483,777	11/19/02	Zeroug	367	35	1/6/99

FOREIGN PATENT DOCUMENTS

Exam Init.	Document Number	Date	Country	Class	Sub-class	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Cigna, Michele and Magrassi, Mara, Gas Detection from Formation Density and Compensated Neutron Log in Cased Hole. SPWLA 28th Annual Logging Symposium (Jun 29-Jul2, 1987).
	Cosentino, L. and Spottl, G. Reevaluation of Hydrocarbon Reserves in Old Fields Through Cased-Hole Interpretation: A New Approach. SPE 22345 (1992) pp. 167-175.
	Ellis, Darwin V. Well Logging for Earth Scientists. Elsevier Science Publishing Co., Inc. (1987) pp. 201-212.
	Jacobson, Larry A. and Fu, Chu-Chlu. Computer Simulation of Cased-Hole Density Logging. SPE 19613 (Dec 1990) pp. 465-468.
	Moake, G. L. Design of a Cased-Hole-Density Logging Tool Using Laboratory Measurements. SPE 49226 (1998) pp. 565-580.
	Quint, Edwin. Monitoring Contact Movement During Depressurization of the Brent Field. SPE 56951 (1999).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant